|   | Index of Claims   |          |                       |               |                |                 |           |          |          |            |          |             |                 |           | ppl                                                | ica          | tio       | n N          | lo.          |           | _   |          |            |                     | Applicant(s) |           |             |   |         |              |          |          |  |  |
|---|-------------------|----------|-----------------------|---------------|----------------|-----------------|-----------|----------|----------|------------|----------|-------------|-----------------|-----------|----------------------------------------------------|--------------|-----------|--------------|--------------|-----------|-----|----------|------------|---------------------|--------------|-----------|-------------|---|---------|--------------|----------|----------|--|--|
|   |                   |          |                       |               |                |                 |           |          |          |            |          |             |                 |           | 09/680,583                                         |              |           |              |              |           |     |          |            |                     |              |           | GYDE ET AL. |   |         |              |          |          |  |  |
|   |                   |          |                       |               |                |                 |           |          |          |            |          |             |                 |           | Examiner M. Trun                                   |              |           |              |              |           |     |          |            |                     | Art Unit     |           |             |   |         |              |          |          |  |  |
|   |                   |          |                       |               |                |                 |           |          |          |            |          |             | 1               | N         | νης την γυνου<br>Nh <del>on (Gary) D N</del> guyen |              |           |              |              |           |     |          |            |                     | 2179         |           |             |   |         |              |          |          |  |  |
|   |                   |          |                       |               |                |                 |           |          |          |            |          |             |                 |           |                                                    |              |           |              |              |           |     |          |            |                     |              |           |             |   |         |              |          |          |  |  |
|   | (Through numera   |          |                       |               |                |                 | al) Nor   |          |          |            |          | lon-Elected |                 |           |                                                    | A            | Appeal    |              |              |           |     | 1        |            |                     |              |           |             |   |         |              |          |          |  |  |
|   | = Allowed         |          |                       |               |                |                 |           | +        |          | Restricted |          |             |                 |           |                                                    |              | 1         | Interference |              |           | ce  |          | 0          | Objected            |              |           | 1           |   |         |              |          |          |  |  |
|   |                   |          |                       |               |                |                 |           |          |          |            |          |             |                 |           |                                                    |              |           |              |              |           |     |          |            | Ш                   |              |           |             |   | j       |              | _        |          |  |  |
|   | Claim Q Da        |          |                       |               |                |                 |           |          | 7        | Claim      |          |             |                 | Date      |                                                    |              | -         |              |              |           | Cla | im       |            | <del></del>         |              |           | Date        |   |         | _            | ]        |          |  |  |
|   | Final<br>Original | 50/12/6  |                       | <i>   </i>    |                |                 |           |          |          | Final      | Original |             |                 |           |                                                    |              |           |              |              |           |     | Finat    | Original   |                     |              |           |             |   |         |              |          |          |  |  |
|   | $-\frac{1}{1}$    | 1        | Ц.                    | $\mathcal{F}$ | -              | H               | $\vdash$  | +        | ┨        |            | 51       | $\vdash$    | Н               | -         | $\dashv$                                           | +            | $\dashv$  | +            | +            | -         | }   |          | 101        | $\vdash$            | 4            | $\dashv$  | +           | + | +       | +-           | -        |          |  |  |
|   | 2                 | 1        | 1                     |               |                |                 |           | 1        | 1        |            | 52       |             |                 | 二         | $\dashv$                                           |              | コ         | $\dashv$     | 7            | 4         | ļ   |          | 102        |                     | #            | コ         | #           | 1 | 丰       | 1            |          |          |  |  |
| } | 3                 | 1        | _                     | ╁┼            | +              | H               | $\vdash$  | +        | ┨        | -          | 53<br>54 | ┢           | Н               | ┥         | $\dashv$                                           | +            | +         | +            | +            | $\dashv$  | ŀ   |          | 103        | -                   | $\dashv$     | +         | +           | + | +       | ╁╴           | ┝.       | }        |  |  |
| 1 | 5                 | 1        |                       |               |                |                 |           |          | ]        |            | 55       |             |                 | $\Box$    | $\downarrow$                                       | 1            | $\exists$ | $\Box$       | #            | Ϊ.        |     |          | 105        |                     | コ            | コ         | 工           | 1 | 丰       |              |          |          |  |  |
| } | <u>6</u><br>7     | 17       |                       | ₩             | +              | Н               | $\vdash$  | +        | 4        | -          | 56<br>57 | $\vdash$    | Н               |           | $\dashv$                                           | $\dashv$     | +         | $\dashv$     | $\dashv$     | $\dashv$  |     |          | 106<br>107 | Н                   | +            | +         | -           | + | +       | ╀            | ├-       | ł        |  |  |
|   | 8                 | 1        |                       |               | $\perp$        |                 |           | $\top$   | 1        |            | 58       |             | П               | $\dashv$  | $\dashv$                                           | $\dashv$     | $\dagger$ |              | 1            | _         | ł   |          | 108        |                     | $\top$       | $\dagger$ | $\dashv$    | t | +       | T            | $\vdash$ | 1        |  |  |
| [ | 9                 | 1        |                       | $\prod$       | $\perp$        |                 | $\Box$    |          | ]        |            | 59       | L           |                 | $\Box$    | $\dashv$                                           | $\Box$       | $\dashv$  | $\dashv$     | $\Box$       |           | [   |          | 109        |                     | $\Box$       | $\Box$    | $\bot$      | Ţ | Ţ       | F            |          |          |  |  |
| } | 10                | 1        | -                     | ₩             | +              | Н               | $\vdash$  |          | ┨        | <b>—</b>   | 60<br>61 | ├           | $\vdash$        |           | $\dashv$                                           | +            | +         | $\dashv$     | +            | $\dashv$  | -   |          | 110        | $\vdash$            | $\dashv$     | $\dashv$  | +           | + | +       | ╁            | ⊢        | }        |  |  |
| l | 12                | ₹        |                       | 肚             |                |                 |           |          | 1        |            | 62       | $\Box$      |                 | $\exists$ | 寸                                                  | $\dashv$     | $\top$    | 1            | $\exists$    | $\exists$ |     |          | 112        |                     | $\exists$    | $\dashv$  |             | T |         |              | $\vdash$ | <u> </u> |  |  |
| [ | 13                |          | 1                     | $\prod$       | $\perp$        |                 |           | $\bot$   | ]        |            | 63       |             | Ц               | $\dashv$  | $\dashv$                                           | 4            | $\Box$    | _            | $\downarrow$ |           |     |          | 113        |                     | $\Box$       | $\dashv$  | 1           | Ţ | $\perp$ | oxdot        | Е        | ]        |  |  |
| - | 14                |          | 1                     | ╫             | ╁              | Н               | H         | +        | 4        | -          | 64<br>65 | ┝           | Н               | $\dashv$  | +                                                  | +            | $\dashv$  | +            | $\dashv$     | ⊣         | ŀ   |          | 114        |                     | $\dashv$     | $\dashv$  | +           | + | +       | ╁            |          |          |  |  |
| l | 16                | 1        | 1                     | 1             |                |                 |           | 士        | 1        |            | 66       |             |                 |           |                                                    | $\exists$    | $\pm$     | $\perp$      | $\perp$      | _         | ŀ   |          | 116        |                     |              | 士         | 士           | 1 | 十       | T            | İ        | j        |  |  |
|   | 17                | 1        | 1                     | <u>v</u>      | $\perp$        |                 |           | 4        | ]        |            | 67       |             |                 |           | 7                                                  | $\perp$      | $\perp$   | $\perp$      | $\bot$       | 7         |     |          | 117        | Ц                   | $\Box$       | $\dashv$  | 1           | 1 | Ţ       | _            | L        | ļ        |  |  |
| ł | 18<br>19          | ╁        | $\vdash$              | ╅             | +              | Н               | $\vdash$  | +        | ┨        | -          | 68<br>69 | $\vdash$    | $\vdash$        | $\dashv$  | +                                                  | $\dashv$     | $\dashv$  | +            | ╅            | -         | ł   |          | 118<br>119 | H                   | +            | ╅         | +           | + | +       | ╁            | ┝        |          |  |  |
|   | 20                |          |                       |               |                |                 |           | 士        | 1        |            | 70       |             |                 | 1         | I                                                  |              | $\exists$ | 1            | I            |           | t   |          | 120        |                     |              | 1         |             | 士 | 上       |              |          | j        |  |  |
| 1 | 21                | ↓_       | $\sqcup$              | _             |                |                 | $\Box$    | $\perp$  | -        | <u> </u>   | 71       | L           | Щ               | 4         | $\perp$                                            | $\downarrow$ | 4         | 4            | 4            | 4         |     |          | 121        |                     | $\dashv$     | $\dashv$  | _           | 1 | $\perp$ | $oxed{\bot}$ | _        |          |  |  |
| ŀ | 22                | ╁        | $\vdash$              | +             | +              | -               | $\vdash$  | ╬        | ┨        | <b>—</b>   | 72<br>73 | ⊢           | Н               | $\dashv$  | $\dashv$                                           | +            | +         | $\dashv$     | +            | $\dashv$  | ŀ   | -        | 122<br>123 | $\vdash$            | $\dashv$     | $\dashv$  |             | + | ╫       | ╁            | ┝        | 1        |  |  |
|   | _ 24              | 匚        |                       |               |                |                 |           |          |          |            | 74       |             |                 |           | 1                                                  | 士            |           | 1            | 士            |           | Į   |          | 124        |                     | 士            | 1         |             | İ | 土       | 仜            |          |          |  |  |
| - | 25                | ╀—       | ${oldsymbol{\sqcup}}$ | +             | $\perp$        | Щ               | $\dashv$  | _        | 4        | <u> </u>   | 75       | <u> </u>    |                 | _         | $\dashv$                                           | $\dashv$     | $\perp$   | 4            | 4            | _         | ŀ   |          | 125        | Ш                   | $\dashv$     | 1         | 4           | 4 | $\bot$  | $\vdash$     | L        |          |  |  |
|   | 26<br>27          | ╆        | ╁┼                    | +             | ╁╌             | Н               | -         | +        | ┨        | <u> </u>   | 76<br>77 | ┢           | H               | $\dashv$  | +                                                  | ┰            | ┿         | $\dashv$     | $\dashv$     | $\dashv$  | ŀ   |          | 126<br>127 | $\vdash \vdash$     | -+           | +         | +           | ┿ | +       | +            | ┢        | 1        |  |  |
|   | 28                |          |                       |               |                |                 |           |          | 1        |            | 78       |             |                 |           | $\Box$                                             |              |           |              |              |           |     |          | 128        |                     | 工            |           | 土           | 土 | 上       |              |          |          |  |  |
| } | 29<br>30          | ╀        | $\vdash$              | -             | -              |                 |           | -        | 4        | <u> </u>   | 79<br>80 | _           | $\square$       | $\dashv$  | $\dashv$                                           | $\dashv$     | +         | +            | 4            | 4         | -   | $\dashv$ | 129        |                     | -            | 4         | +           | + | +       | ╁            | L        | ·        |  |  |
| ł | 31                | ╁╴       |                       | +             | +              | -               | $\vdash$  | +        | 1        | -          | 81       |             | H               | $\dashv$  | 十                                                  | +            | $\dashv$  | 十            | $\dagger$    | $\dashv$  | ł   |          | 130<br>131 | H                   | +            | +         | +           | 十 | +       | +            | ┢        |          |  |  |
| ļ | 32                |          |                       |               |                |                 |           | 丰        | 1        |            | 82       |             |                 | $\Box$    | コ                                                  | コ            | 1         | コ            | コ            | $\exists$ | l   |          | 132        |                     | コ            | $\Box$    |             | T | 工       |              |          |          |  |  |
| } | 33<br>34          | ┼        | $\vdash \vdash$       | +             | ╀              |                 |           |          | 4        | Ŀ          | 83<br>84 | _           | Ц               | -         | $\dashv$                                           | 4            | +         | +            | 4            | 4         | ļ   |          | 133        | $\vdash \vdash$     | $\dashv$     | +         | +           | 4 | +       | ╄            | ┡        | ĺ        |  |  |
| ŀ | 35                | +-       | $\vdash$              | +             | $\vdash$       | Н               | -         |          | 1        | $\vdash$   | 85       | $\vdash$    | H               | ┪         | $\dashv$                                           | +            | +         | +            | +            | ᅱ         | ŀ   |          | 134        | $\vdash$            | $\dashv$     | +         | ╅           | + | ╁       | ╁            | ┝        | İ        |  |  |
|   | 36                |          |                       |               | $\Box$         |                 |           | $\perp$  | 1        |            | 86       |             |                 |           | 丰                                                  | $\exists$    | 1         | コ            | コ            | コ         | Ì   |          | 136        |                     | 1            | _         |             | 1 | 工       |              |          |          |  |  |
| } | 37<br>38          | $\vdash$ | - -                   | +             | H              | Н               | $\dashv$  | +        | $\dashv$ | <u> </u>   | 87<br>88 | Н           | $\square$       | -         | +                                                  | +            | +         | +            | +            | 4         | -   |          | 137        | $\vdash \downarrow$ |              | 4         | -           | 4 | +       | -            | <u> </u> |          |  |  |
| ł | 39                | T        | $\vdash$              | +             | H              | Н               | $\dashv$  | $\dashv$ | 1        | $\vdash$   | 89       | H           | $\vdash$        | $\dashv$  | 十                                                  | +            | +         | +            | 十            | $\dashv$  | 1   |          | 138<br>139 | H                   | $\dashv$     | +         | ╁           | + | +       | ╁╴           | ╁╌       |          |  |  |
| ļ | 40                |          | 口                     |               | $\Box$         |                 | $\square$ | $\perp$  | ]        |            | 90       |             |                 | コ         | 丰                                                  | $\perp$      | $\perp$   | ユ            | コ            |           | ţ   |          | 140        |                     | $\Box$       | $\bot$    | 土           | 丰 | $\perp$ | L            |          |          |  |  |
| } | 41                | $\vdash$ | $\vdash \vdash$       | +             | ╀┤             | Н               | $\dashv$  | +        | -        | <u></u>    | 91<br>92 | -           | dash            | $\dashv$  | +                                                  | +            | +         | +            | 4            | 4         | -   | $\dashv$ | 141        | $\sqcup$            | $\dashv$     | +         | +           | + | 4       | L            | $\vdash$ | {        |  |  |
| ŀ | 42                | T        | $\vdash \vdash$       | +             | H              |                 |           | _        | 1        |            | 93       |             | $\vdash \vdash$ | $\dashv$  | +                                                  | +            | +         | +            | +            | $\dashv$  | 1   |          | 142        | H                   | $\dashv$     | +         | +           | 十 | +       | +            | -        | 1        |  |  |
| Ţ | 44                | $\Box$   | П                     | $\perp$       | П              |                 | $\Box$    | $\perp$  | ]        |            | 94       |             |                 | $\Box$    | $\bot$                                             | 1            | $\Box$    | ユ            | コ            | $\exists$ | Ì   |          | 144        | 口                   | $\Box$       | #         | $\perp$     | 1 |         |              |          |          |  |  |
| } | 45<br>46          | $\vdash$ | ╁┼                    | +             | $\vdash\vdash$ | $\vdash \vdash$ |           | +        | 4        | -          | 95<br>96 | H           | $\dashv$        | $\dashv$  | +                                                  | +            | +         | +            | +            | $\dashv$  | -   | $\dashv$ | 145<br>146 | Н                   | -            | 4         | -           | + | 4       | +            |          | ļ        |  |  |
| ł | 47                | $\vdash$ | $\vdash \vdash$       | +             | H              |                 | $\dashv$  | +        | 1        | -          | 97       | Н           | $\dashv$        | $\dashv$  | +                                                  | +            | +         | +            | +            | $\dashv$  | ł   | $\dashv$ | 147        | Н                   | $\dashv$     | +         | +           | + | +       | 十            | $\vdash$ | 1        |  |  |
|   |                   | _        |                       |               |                | _               | _         | _        | ٦.       |            |          | _           | _               | -         | _                                                  | _            | _         |              | -            | _         | ٠,  |          |            | _                   | _            |           |             | _ |         | -            | -        |          |  |  |

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